



PRODUCT COMPONENT TEMPLATE

DEFINITION

<i>Name</i>	Allfusion Gen / Advantage Gen / IEF
<i>Description</i>	AllFusion Gen is an enterprise-designed tool that generates code (e.g. COBOL, CICS, DB2, ASP, JAVA, etc.) for the complete solution, including application logic, communications infrastructures, web servers, and browser interfaces. Maintenance occurs in the model's code, not the generated code. AllFusion Gen provides transactional control across multiple servers and platforms for a heterogeneous enterprise. Deployment options include choosing operating systems, languages, middleware, and databases. AllFusion Gen supports a complete J2EE environment, generating HTML for the browser, JSPs on the web server and EJBs on the application server.
<i>Rationale</i>	<p>Provides a uniform integrated structured model/framework to developing new applications and provides a sound approach for organizations to quickly transition to new platforms, such as J2EE, without deep technical expertise on the new target environment and without rewriting code. This allows an AllFusion Gen organization flexibility in selecting the best-of-breed environment and capitalizing on past technology investments.</p> <p>AllFusion was previously known as IEF which is a "Information Technology Product Standard" number. ITPS0001 - IEF approved by ITAB and adopted by state departments in 9/1/95.</p> <p>http://oit.mo.gov/standards/standards.html#INFORMATION_TECHNOLOGY_PRODUCT_STANDARDARDS</p>
<i>Benefits</i>	<ul style="list-style-type: none"> • Generates 100% syntax error-free code • Generates for mainframe, Unix, Windows and J2EE solutions • Generates application logic, communications infrastructures, web servers and the browser interface • Supports multi-platform • Multi-Level Encyclopedia support for OS/390 or z/OS, UNIX and Windows NT/2000/XP or a combination (AllFusion will keep them synchronized) • Provides security, version control and sub-setting • Consistency checking that ensures model accuracy • A wide range of diagrams to capture business and application requirements for easy understanding and viewing • Good data-base design and building tool • Good data modeling tool

ASSOCIATED ARCHITECTURE LEVELS

<i>Specify the Domain Name</i>	Application
<i>Specify the Discipline Name</i>	Development Tools
<i>Specify the name of the associated Technology Area</i>	Web Based, Client Server Based, Main Frame Based

KEYWORDS

<i>List Keywords</i>	COBOL, Block Mode, CICS, Client/Server, IEF, Cool:Gen, Advantage Gen, Coolstuff, Composer, J2EE, Com Proxy, JAVA, ASP, DB2, Model, Data Modeling, ERD, HTML
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VENDOR INFORMATION			
Vendor Name	Computer Associates	Website	http://www3.ca.com/Solutions/
Contact Information			

POTENTIAL COMPLIANCE SOURCES			
Name		Website	
Contact Information			
Name		Website	
Contact Information			

COMPONENT REVIEW			
List Desirable aspects			
List Undesirable aspects			
Operating System		Platform	

ASSOCIATED COMPLIANCE COMPONENTS	
Product	
List the Product-specific Compliance Component Names	

Configuration Links	
List the Configuration-specific Compliance Component Names	

COMPONENT CLASSIFICATION	
Provide the Classification	<input type="checkbox"/> Emerging <input type="checkbox"/> Current <input checked="" type="checkbox"/> Twilight <input type="checkbox"/> Sunset (Technology Area Web Based)
Provide the Classification	<input type="checkbox"/> Emerging <input checked="" type="checkbox"/> Current <input type="checkbox"/> Twilight <input type="checkbox"/> Sunset (Technology Area Client Server Based)
Provide the Classification	<input type="checkbox"/> Emerging <input checked="" type="checkbox"/> Current <input type="checkbox"/> Twilight <input type="checkbox"/> Sunset (Technology Area Main Frame Based)
Sunset Date	

COMPONENT SUB-CLASSIFICATION		
Sub-Classification	Date	Additional Sub-Classification Information
<input type="checkbox"/> Technology Watch		
<input type="checkbox"/> Variance		
<input checked="" type="checkbox"/> Conditional Use	1-11-05	Any purchase of this product over \$25,000 must be submitted to the State CIO and Chief Architect.
<input checked="" type="checkbox"/> Conditional Use	10-14-04	Considering the lack of trained and experienced AllFusion resources in the market, developing new applications could cause a project to incur a substantial cost. It is recommended as a stationary product for State use.

RATIONALE FOR COMPONENT CLASSIFICATION	
Document the Rationale for Component Classification	There are other tools that are better suited for Web-Based development.

MIGRATION STRATEGY

<i>Document the Migration Strategy</i>	
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IMPACT POSITION STATEMENT

<i>Document the Position Statement on Impact</i>	
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AGENCIES

<i>List the Agencies Currently Utilizing this Product</i>	
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MoDOT, MSHP, OA, OSCA, DESE, DSS, DNR, DOLIR, DMH

CURRENT STATUS

<i>Provide the Current Status</i>	
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☐ *In Development* ☒ *Under Review* ☐ *Approved* ☐ *Rejected*

AUDIT TRAIL

<i>Creation Date</i>	11-16-04	<i>Date Approved / Rejected</i>	1-11-05
<i>Reason for Rejection</i>			
<i>Last Date Reviewed</i>		<i>Last Date Updated</i>	
<i>Reason for Update</i>			